

CLAIMS

- 1) Outlet device for chocolates and the like (100) for a wrapping machine (50) provided with at least moving means (51) for each product (100), said device (1) comprising first belt means (2) to move the products (100) to be rolled and operated by actuating means (10), and rolling means (4) facing the first belt means (2); said device (1) being characterized in that the first belt means (2) are operated by the actuating means (10) by means of first connecting means (5), connecting the belt means (2) to the actuating means (10), according to a first direction (A) of a rotary motion by said actuating means (10); the rolling means (4) are intended to roll the products (100) being moved by said first belt means (2); said device (1) comprising second belt means (3) to move those products (100) that do not require being rolled and operated by actuating means (10) through second connecting means (6) according to the second direction (B) of rotation of said actuating means (10); the rolling means (4) are detachable and interposed between the first (2) and second (3) belt means; the rolling means (4) comprise an elongated concave housing (8), complementary shaped relative to the products (100), which is intended to roll said products (100) being moved by the first belt means (2) which~~that~~ are placed above the second belt means (3).
- 2) Device according to claim 1 characterized in that the first (5) and second (6) connecting means comprise respective idle wheels gripping in the first (A) and second (B) direction of rotation of the actuating means (10), respectively.
- 3) Device according to claim 1 characterized in that the first (5) and second (6) connecting means are of the electromagnetic type and are operated by supplying means of the actuating means (10).
- 4) Device according to claim 1 characterized in that the first (5) and second (6) connecting means are connected to actuating means (10) through driving means (7).
- 5) Device according to claim 4 characterized in that the driving means (7) comprise a closed loop flexible element or a gear chain.

- 6) Device according to claim 1 characterized in that it comprises extraction means (15) intended to take each single product (100) from the moving means (51) and carry it to the belt means (2, 3).
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- 7) Device according to claim 6 characterized in that the extraction means (15) comprise a pusher (16) being provided with a shaped housing for the product (100) and operated by operating means (17).
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- 8) Device according to claim 7 characterized in that the operating means (17) comprise a couple of levers (18, 19), at least one of which being motor-driven, connected to the pusher (16) to form an articulated quadrilateral.
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- 9) Device according to claim 1 characterized in that the actuating means (10) consist of an electric motor.
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- 10) Device according to claim 1 characterized in that the first belt means (2) comprise at least one endless timing belt, which is coated on the outside relative to the teeth with a layer of elastic material (13).
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- 11) Device according to claim 1 characterized in that the second belt means (3) comprise at least one endless belt.
- 12) Device according to any of the preceding claim characterized in that it comprises calculation and control means to control the phase relationship thereof at least between the extraction means (15) and the moving means (51).